

2835

S/N 09/873,763

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: McClellan, et al. Group Art Unit: 2835
Serial No.: 09/873,763 Docket No.: 02316.1414US01
Filed: June 4, 2001
Title: Telecommunications Chassis and Module

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 5, 2003.

By:


Name: Jeramie J. Keys

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report mailed May 13, 2003.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

Certification Under 37 C.F.R. § 1.704(d)

In accordance with 37 C.F.R. § 1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement. Accordingly, no patent term adjustment is due for the filing of this Information Disclosure Statement.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Enclosed for the Examiner's information is a copy of the International Search Report.

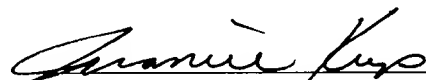
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,
MERCHANT & GOULD, LLC

Date: June 5, 2003


Jeramie J. Keys
Reg. No. 42,724

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FORM 1449*

INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

02316.1414US01

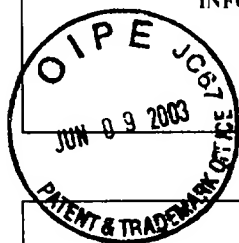
Application Number:

09/873,763

Applicant: McClellan, et al.

Filing Date: June 4, 2001

Group Art Unit: 2835



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,966,648	08/1999	Ortberg, et al.	455	347	
	6,208,796	03/2001	Williams Vigliaturo	385	135	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	37 04 560 A1	08/1988	Germany	H04 B 1/00			✓
	WO 00/52504	09/2000	PCT	G02B 6/00			
	WO 99/63628	12/1999	PCT	H01R 13/518			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



23552

PATENT TRADEMARK OFFICE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

PATENT COOPERATION TREATY

Kmc

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

To:
MERCHANT & GOULD PC
Attn. Bruess, Steven C.
P.O.Box 2903
Minneapolis, Minnesota 55402-0903
UNITED STATES OF AMERICA

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

2316.1414W001

ATY 105 US/PIA: June 12, 2003

ATY 105 US: Aug. 13, 2003

Date of mailing
 (day/month/year) 13/05/2003

ABAN DV

Applicant's or agent's file reference

2316.1414W001

PAYMENT DUE

within 45 ~~xxxx~~ days
 from the above date of mailing

International application No.

PCT/US 02/ 15589

International filing date
 (day/month/year)

17/05/2002

Applicant

ADC TELECOMMUNICATIONS, INC.

1. This International Searching Authority

(i) considers that there are 5 (number of) inventions claimed in the international application covered by the claims indicated ~~xxxx~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~xxxx~~ on the extra sheet:

(ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

1-12 61-63

(iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby **invited**, within the time limit indicated above, to pay the amount indicated below:


EUR 945,00 x 4 = EUR 3.780,00
 Fee per additional invention number of additional inventions total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____, have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority

 European Patent Office, P.B. 5818 Patentlaan 2
 NL-2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Carole Emery

RECOMMANDÉE

IMPORTANT INFORMATION

Bank and giro accounts of the
European Patent Organisation
for payments in

EUR

N° 3 338 800/11 (BLZ 700 800 00)
Dresdner Bank
Promenadeplatz 7
D-80273 München

N° 182000-805 (BLZ 700 100 80)
Postbank AG
Bayerstr. 49
D-80138 München

Bank and giro accounts of the
European Patent Organisation
for payments in

DEM

N° 3 338 800 00 (BLZ 700 800 00)
Dresdner Bank
Promenadeplatz 7
D-80273 München

N° 300-800 (BLZ 700 100 80)
Postbank AG
Bayerstr. 49
D-80138 München

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-12 61-63

Chassis for holding telecommunications cards comprising a first and a second horizontal surface having a ridge and a plurality of card slots.

2. Claims: 13-23 41-45

Telecommunications module comprising a fiber optic cable connector mounted to a circuit board along a first edge.

3. Claims: 24-35 56-60 64-76

Chassis for holding telecommunications modules comprising a cover surface.

4. Claims: 36-40

Chassis for holding telecommunications modules comprising a cable guide and a plurality of radius limiters.

5. Claims: 46-55

Telecommunications module comprising circuitry for converting electrical signals to optical signals.

The special technical features as meant in Rule 13.2 PCT of the independent claims 1, 6 and 61 and their dependent claims 2 to 5, 7 to 12 and 62 to 63 with respect to the prior art as generally known to a skilled person (cfr. the preamble of these independent claims) are:
- a chassis comprising an horizontal surface having a ridge and a plurality of card slots extending across this surface but not across the ridge.

These special technical features solve the objectively determined problem of providing module guiding means with high density.

The technical features of the independent claims 13, 19 and 41 and their dependent claims 14 to 18, 20 to 23 and 42 to 45 are:

- a circuit board having an edge
- a fiber optic cable connector mounted to the circuit board having a connection axis forming an angle with the edge.

These technical features solve the objective problem of preventing overbending of fiber optic cables.

Analog reasoning statements can be drawn up for the other three subjects.

Thus, these 5 subjects do not have any common special technical features, nor they have any corresponding special technical features as meant in Rule 13.2 PCT, as they relate to different solutions of

different objectively determined problems.

Thus, the requirement of unity of invention (Rule 13.1 PCT) is not fulfilled.

**Annex to Form PCT/ISA/206
COMMUNICATION RELATING TO THE RESULTS
OF THE PARTIAL INTERNATIONAL SEARCH**

International Application No
PCT/US 02/15589

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- 1-12,61-63
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 966 648 A (BACKES GLEN ET AL) 12 October 1999 (1999-10-12) column 1, line 55 -column 2, line 30; figures 1,2	1,2,6,61
A	DE 37 04 560 A (KOLBE & CO HANS) 25 August 1988 (1988-08-25) the whole document	1,2,6,61
A	WO 00 52504 A (ADC TELECOMMUNICATIONS INC) 8 September 2000 (2000-09-08)	
A	WO 99 63628 A (ADC TELECOMMUNICATIONS INC) 9 December 1999 (1999-12-09)	
A	US 6 208 796 B1 (WILLIAMS VIGLIATURO SHARI LYNN) 27 March 2001 (2001-03-27)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Patent Family Annex

Information on patent family members

International Application No

PCT/US 02/15589

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5966648	A	12-10-1999	TW	447220 B	21-07-2001
DE 3704560	A	25-08-1988	DE	3704560 A1	25-08-1988
WO 0052504	A	08-09-2000	US	6424781 B1	23-07-2002
			AU	5438700 A	21-09-2000
			BR	0008651 A	26-12-2001
			CN	1353825 T	12-06-2002
			EP	1166161 A2	02-01-2002
			WO	0052504 A2	08-09-2000
			US	6535682 B1	18-03-2003
			AU	7570000 A	28-12-2000
			BR	0011254 A	09-04-2002
			CN	1364240 T	14-08-2002
			EP	1185897 A2	13-03-2002
			WO	0075706 A2	14-12-2000
WO 9963628	A	09-12-1999	US	6537106 B1	25-03-2003
			AU	743265 B2	24-01-2002
			AU	4006099 A	20-12-1999
			BR	9910906 A	13-02-2001
			CA	2334152 A1	09-12-1999
			CN	1304569 T	18-07-2001
			EP	1084523 A1	21-03-2001
			JP	2002517890 T	18-06-2002
			NZ	508811 A	28-02-2003
			TW	423184 B	21-02-2001
			WO	9963628 A1	09-12-1999
US 6208796	B1	27-03-2001	AU	5770199 A	14-02-2000
			BR	9912280 A	17-04-2001
			CA	2338045 A1	03-02-2000
			EP	1112521 A2	04-07-2001
			TW	440729 B	16-06-2001
			WO	0005611 A2	03-02-2000
			US	2001001270 A1	17-05-2001